ibsysLicense

Manual to the ibsysLicense module

Version: V1.0

General

The ibsysLicense module is responsible for the licensing of all IBSYS modules. This module imports the licence and enables the modules to check the licence.

Compatibility

The ibsysLicense module can be used from Niagara version N4.10.

Version

This documentation applies from module version 4.1.1.2.

Contact

If you have any questions, comments, suggestions or error messages, please contact our technical support:

info@ibsys.ch

www.ibsys.ch

Version index

Version	Date	Comment	Author
V1.0	16.05.2024	Created	Levi Jetzer

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1. License model

IBSYS is an independent licence model. This enables a high degree of flexibility, stability and rapid processing of licences. IBSYS hosts its own licence server in Switzerland.
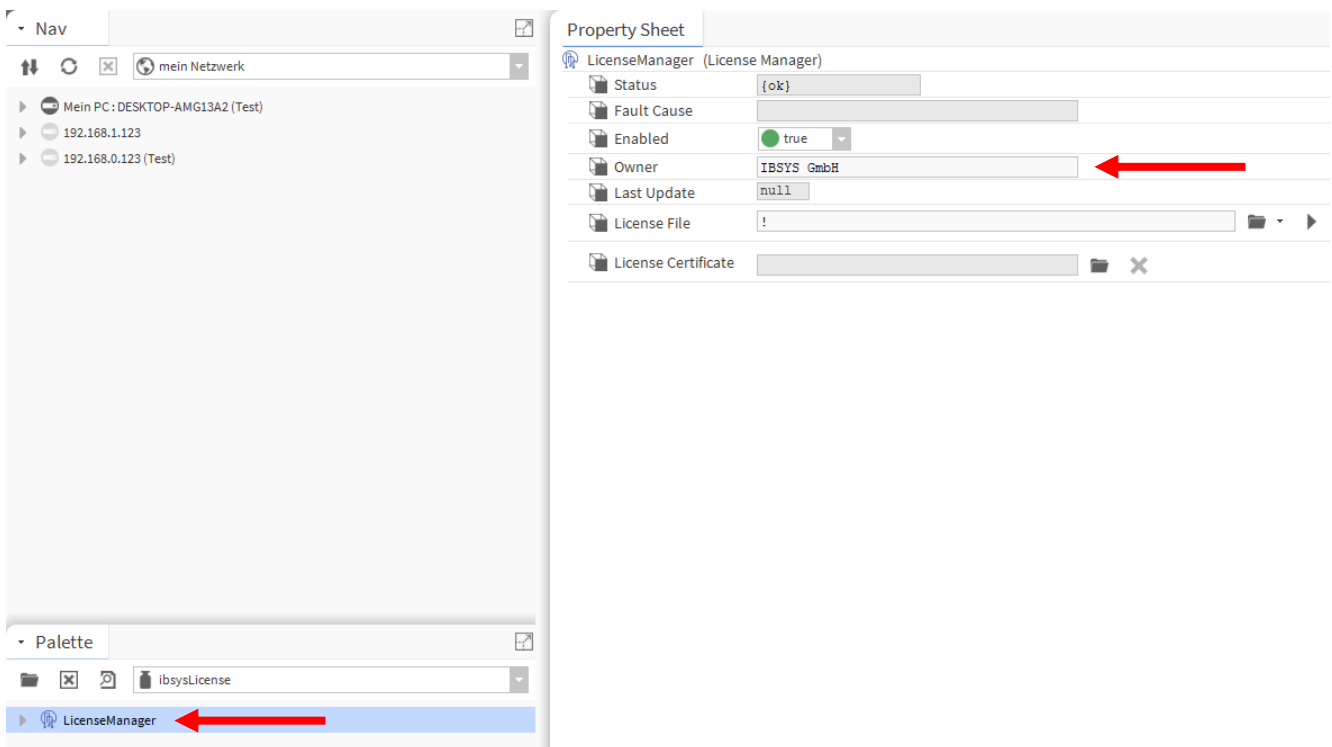
If your host has an Internet connection and is added, the host automatically receives a demo licence for all IBSYS features. This demo licence is valid for 7 days and expires automatically. If a licence for a specific feature is required, this can be purchased from IBSYS.

2. Licensemanager

The module's palette contains a LicenceManager module. Open this in the palette by double-clicking on it. Enter the name of your company in the 'Owner' field. Do not forget to save the palette.

You only need to perform this step initially during installation and after each update of the module.

ATTENTION: The host will later be linked to this company in the database!

1 Write the owner into the LicenseManager within the palette

The LicenceManager can now be added to the hosts in the service container. The 'Owner' is then no longer displayed in the Licence Manager and can no longer be changed.

Property Sheet

LicenseManager (License Manager)

Status	{ok}
Fault Cause	
Enabled	🟢 true
Last Update	null
License File	!
License Certificate	

2 Picture of an empty LicenseManager

Property Sheet

LicenseManager (License Manager)

Status	{ok}
Fault Cause	
Enabled	🟢 true
Last Update	05.Feb 2024 18:11 MEZ
License File	!
License Certificate	

ibsysLicense License

Vendor	IBSYS
Owner	IBSYS GmbH
Host Id	Win-
Host Model	Workstation
Version	4.12.2.16
Generated	29.Okt 2023 00:00 MESZ
Expiration	01.Jan 10000 00:59 MEZ

Features License Features

ibsysComponents License Feature

Vendor	IBSYS
Feature Name	ibsysComponents
Version	none
Expiration	01.Jan 10000 00:59 MEZ
componentLimit	none

ibsysVkg License Feature

Vendor	IBSYS
Feature Name	ibsysVkg
Version	none
Expiration	01.Jan 10000 00:59 MEZ

3 Picture of a LicenseManager with license

2.1. Online licensing (automatically)

If the host has an Internet connection and a DNS server is entered, the following happens as soon as the LicenceManager is inserted:

1. The LicenseManager automatically registers the host in the IBSYS licence database
2. The licence server receives the licence file in response.
3. The licence file is saved under 'file:Licenses/' together with the certificate.
1. This file is used to read in the licence automatically if there is no Internet connection. The folder must not be renamed, deleted or moved.
4. A slot called ibsysLicense is created to display the licence. All features contained in the licence and their properties are displayed in this slot.
5. The last licence update is displayed in the Last Update slot.
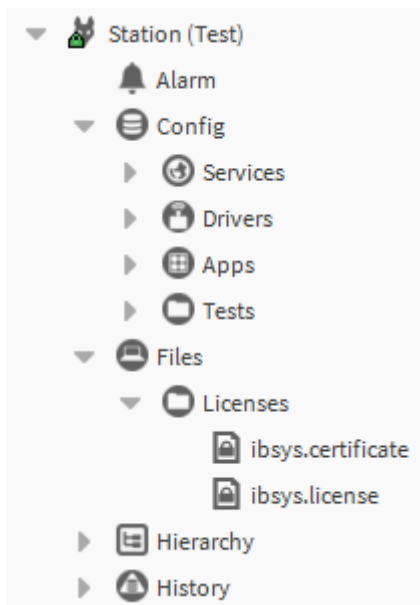
4 From the LicenseManager saved license of the host

The LicenseManager saves the licence as a file under a new path «file:Licenses/».

ATTENTION: If this path is renamed, deleted or changed, the licence will be made unreadable!

If the host does not have an Internet connection at the time the LicenseManager is implemented, registration and online licensing with the associated actions can be carried out retrospectively.

If modules or components requiring a licence are already in use when the licence is purchased, the station must be restarted in order to apply the licence.

If a component is not licensed or the capacity of the licence is exhausted, a message is displayed in the console and the component is not functional.

2.2. Offline licensing (manual)

If no Internet connection is available, the licence can be requested manually from IBSYS. The following information about the host to be licenced is required for this:

1. name of the company
2. host ID
3. host model (e.g. "Workstation")
4. Niagara version (e.g. N4.12.2.16)

IBSYS can enter the licence with this information manually in the database. The licence can then be downloaded as a .zip file using a download link. Please contact IBSYS directly.

The licence file can then be copied to the host together with the certificate and read in manually via the LicenseManager. From then on, offline licensing behaves in the same way as online licensing.
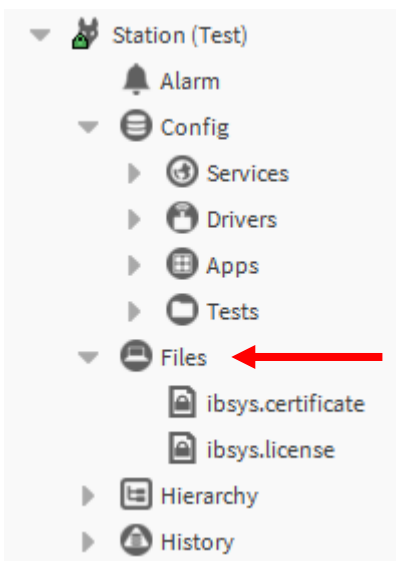

5 Licence storage for manual import

Place the licence file (ibsys.license) and the certificate (ibsys.certificate) directly under the Files folder on the host station.

*6 Select licence file and certificate for import*

In the 'License File' slot, refer to the licence file (ibsys.license), which is located under Files on your station. In the 'Licence Certificate' slot, refer to the certificate (ibsys.certificate).
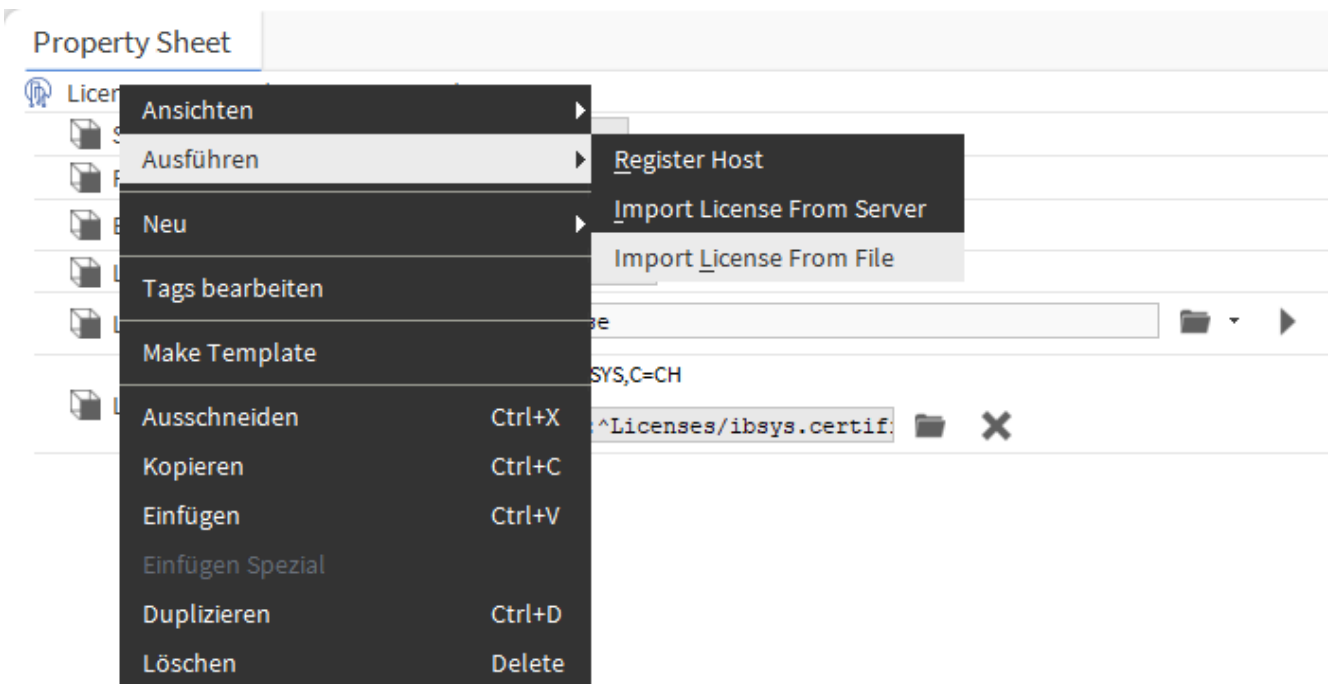
7 Trigger import from licence file

Now click on Import licence from licence file. This imports the licence and saves it as a licence in your station.
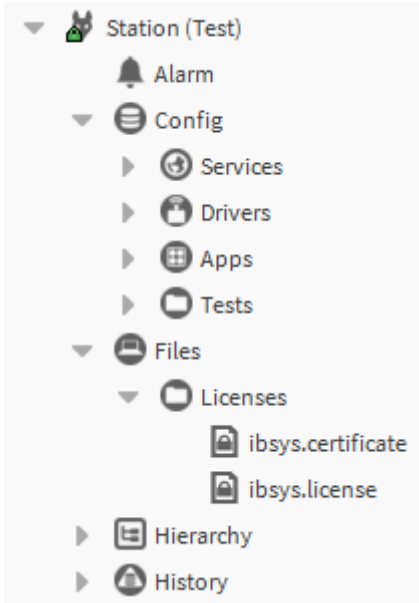
8 Licence of the host saved by the LicenseManager

As with online licensing, the LicenseManager saves the licence as a file under a new path "file:Licenses/".

ATTENTION: If this path is renamed, deleted or changed, the licence will be made unreadable!

If modules or components requiring a licence are already in use when the licence is issued, the station must be restarted in order to apply the licence.

If a component is not licensed or the capacity of the licence is exhausted, a message is displayed in the console and the component is not functional.

IBSYS may charge a fee for manual licensing.

3. Acquire a license

If a licence is purchased for a feature, the 'Owner' of the host is set by IBSYS to the desired name of the customer. If nothing else is specified when ordering, the customer's company name is automatically entered. IBSYS will notify you when the new licence is available on the server. From this point on, you can either update the licence online or import it offline. The relevant actions are available in the LicenceManager.